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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/775,680	02/05/2001	Shinya Matsuda	44084-490	3525

7590 01/13/2006  
MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096

EXAMINER

LEE, CHEUKFAN

ART UNIT	PAPER NUMBER
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2627

DATE MAILED: 01/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/775,680

Applicant(s)

MATSUDA, SHINYA

Examiner

Cheukfan Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7,9 and 10 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-6,8, and 11-16 are is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
Cheukfan Lee

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

1. Claims 1-16 are pending. Claims 1, 7, and 12 are
2. This application is in condition for allowance except for the following formal matters:

In the drawings:

In Fig. 4, step 104, "IMGE" should read--IMAGE --.

In the claims:

In claim 1, "areas divided a specific region thereinto" should be changed to--areas into which a specific region is divided --.

In claim 6, line 3, "is" should be changed to--are --.

In claim 8, "the image sensing unit" should read--the image sensing element --.

In claim 11, line 3, "by moving the optical system and the optical system relative to the document table" should read--by moving the optical system and the image sensing element relative to the document table --. See page 7, lines 18-22 of the specification.

In claim 12, lines 4-5, "by pasting the plurality of partial image each other onto a sheet" should read--by pasting the plurality of partial images to each other onto a sheet --

In claim 12, line 8, "onto which the image to be outputted" should read--onto which the image is to be outputted --.

In claim 14, line 2, "images is" should read--images are --.

In claim 14, line 3, "image" should read--images.

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In claim 15, line 2, "a operation panel" should read--an operation panel --.

Still in claim 15, line 2, "specify" should read--specifies --.

Further in claim 15, line 3, "sequence" should read--sequence, --.

In this Office Action, the above claims 1, 6, 8, 11, 12, 14, and 15 are objected to, and claims 2-5, 13 and 16 are objected to as being dependent upon the objected claim 1 or 12.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

3. The following is an examiner's statement of reasons for allowance:

Independent claim 1 requires that the processor variously set a reading sequence for reading of a plurality of the partial areas of the specific region, and the controller controls the image sensing unit to read the partial areas in the set reading sequence. The closest prior art Cheatle (U.S. Patent No. 6,771,396) does not teach the combination of features. Cheatle discloses moving the actuator 925) and thus the camera (2) to read the partial areas (tiles) of the document (10) in a predetermined pattern (col. 6, lines 35-40). However, the patter is not variously set.

Claims 2-6 depend on claim 1.

Independent claim 7 requires a controller for variously controlling the predetermined sequence in which the optical images of the plurality of sections of the specific region are directed. This feature of variously controlling the predetermined sequence by the controller, in combination with other limitations of claim 7, is not taught by the closest prior art Cheatle (6,771,396) discussed above.

Claims 8-11 depend on claim 7.

Independent claim 12 require that the input device input the plurality of partial images of the document in a predetermined sequence, the predetermined sequence being dependent on the orientation of the sheet onto which the images are outputted. This feature in combination with other limitations of claim 12 is not taught by the prior art of record, including Cheatle (6,771,396) discussed above.

Claims 13-16 depend on claim 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Cheukfan Lee  
December 28, 2005



Cheukfan Lee